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PC Client-side S/W User's Manual

Put the accessories CD of the DVR in the CD driver of the computer. Turn on the client-side software, and decompress the compressed folder onto the computer, then double-click the decompressing folder .

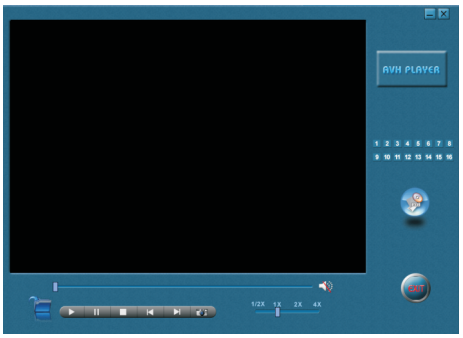
Now double-click the icon .

Click the button to switch the interface of other languages.

1. Introduction of .AVH Files Player

.AVH Files Player could play back-up files.

Click to run this software:



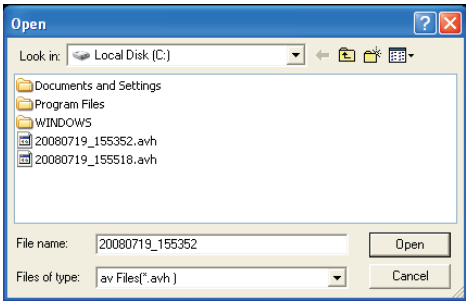
Introduction of function keys:

Icon	Function	Icon	Function
	Open the files		Open/Close audio
	Play		Pause
	Stop		Exit
	Frame play during pause		Screen capture
	Fast playing multiple		Select video playing channels
	Switch the file format from .AVH to .AVI		Frame back-off fleetly during pause

Specific Operation

A. Clients' local video recording files, USB back-up files and CD files could be played by this software player.

B. Click , you can see the path of opening files:



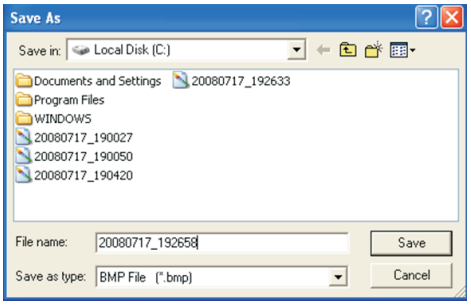
Select .avh file to play, it can not play other file format.

C. If the file is being playing, the effective channel numbers will turn to bright,

from to .

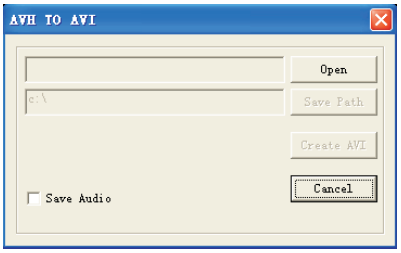
D. Use to capture screen and then save the screen in another files.

Click the icon,



Select one file from the above dialog box to save the captured screen.

E. Click , switchover the file format from .AVH to .AVI



Click the box as , the audio could be saved.

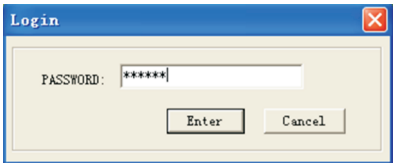
F. Click to exit.

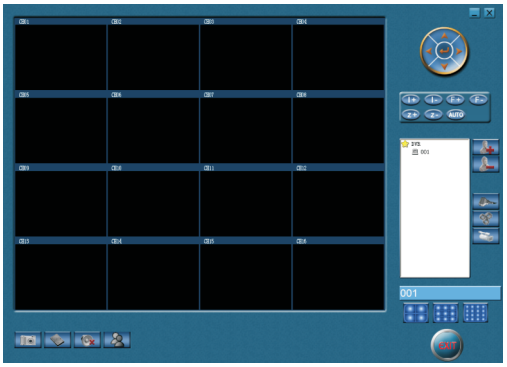
2. Introduction of DVR Network Remote Client-side

DVR Network Remote Client-side is used to watch the recording locale, operate DVR and control PTZ and network video recording.

Click to run this software.

If a user security code or password was set before, you should type it in.





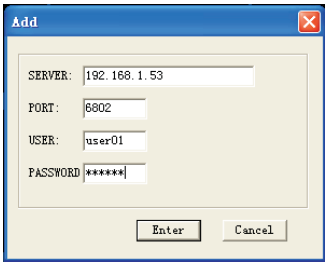
Introduction of function keys:

Icon	Function	Icon	Function
	Screen capture		Disk information
	Open/Close audio		Password manage
	Add DVR IP (16 IP could be added at one time)		Delete DVR IP
	Connect/ Disconnect DVR		Set user information and net parameter
	Locale record / Stop		Exit
	Quad-picture display		9-picture display
	16-picture display		Control PTZ to rotate automatically
	Control the lens to enlarge the aperture		Control the lens to reduce the aperture

	Control the lens to prolong the focus		Control the lens to shorten the focus
	Control the lens to withdraw the establishing shot and enlarge the image		Control the lens to reduce the image and expand the vision
	Control PTZ to rotate upward/ downward/ leftward/ rightward and stop auto rotation		Display the DVR name. Click the names to switch the previewing video among DVRs.

Specific Operation

A. Click to add IP of DVR.



Type the IP/ domain name (e.g. 192.168.1.53) and port (e.g. 6802) of the DVR which need added. Then type the network user's name (default user01) and the password (default 000000 or 111111) of the DVR. If the password is a super one, the playing speed of the video is faster. At last, click "Enter", the IP could be added . If you want to delete the IP, click it, then click , the newly added IP could be deleted. After deleting, all IP are disconnected.

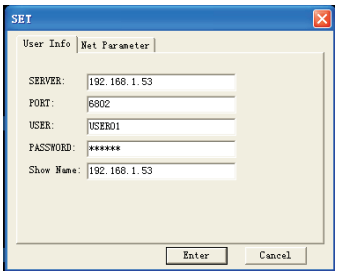
B. Connect network DVR:

Select one newly added IP to click, then click , the DVR could be connected.

You can see the icon appearing. Click to disconnect.

C. Click to set "user information" and "net parameter" for the newly added IP.

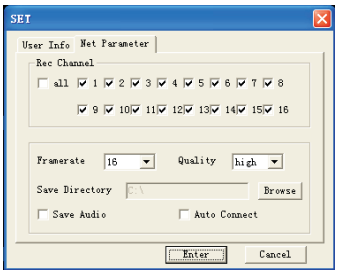
a. Set user information. Click "User Info":



Type the IP/ domain name (e.g. 192.168.1.53) and port (e.g. 6802) of the DVR which need setting. Then type the network user's name (default user01) and the password (default 000000 or 111111) of the DVR. "Show Name" shows the IP name, you could change it here as you like. Click "Enter", the setting is finished.

The new name will be seen here:

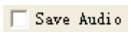
b. Set net parameter. Click "net parameter":



a.Open/close a certain channel of locale network video recording;

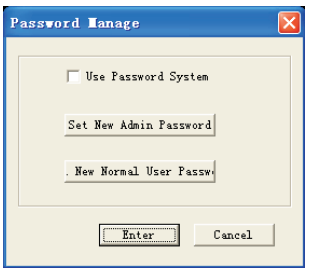
b.Set the frame rate/ image quality of locale browse, Frame rate:3/8/16; Image quality: low/ medium/ high;This function is only for super password logging in;

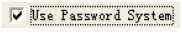
c.Click "Browse" to choose the save path of network video.

Click  and to save audio and connect the network automatically. After setting, click "Enter".

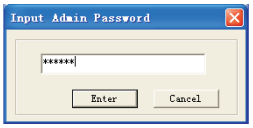
d. Under the condition of connecting the DVR, you could choose channels through setting in "Net Parameter", then click to record locale through network. Click to stop recording.

e. Click to manage the password of PC Client-side Software.



Click the box  to use password system. If you have used password system, you must type in the password to log in PC Client-side Software next time. Administrator password could do all operation, normal user password just could watch the locale video. If you do not want to use password system, click "Cancel".

Change the administrator password, please click "Set New Admin Password":

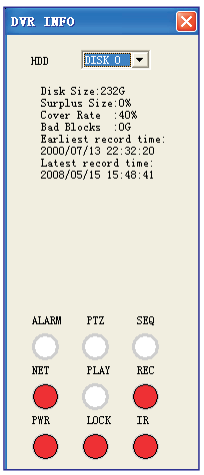


Input the new password again:

Click "Enter", the new password will be OK.

The way of changing the normal user password is the same with changing the administrator password. You must input the administrator password before changing the normal user password.

f. Click to see the hard disk information of the current DVR.



Introduction of the indicator lights in the above picture:

(Display the current working mode) Red denotes this function is turned on, white denotes this function is not in use.

ALARM: external alarm indicator light;

PTZ: PTZ operation indicator light;

SEQ: auto switching indicator light;

NET: network connection indicator light;

PLAY: playback indicator light;

REC: record indicator light;

PWR: power indicator light;

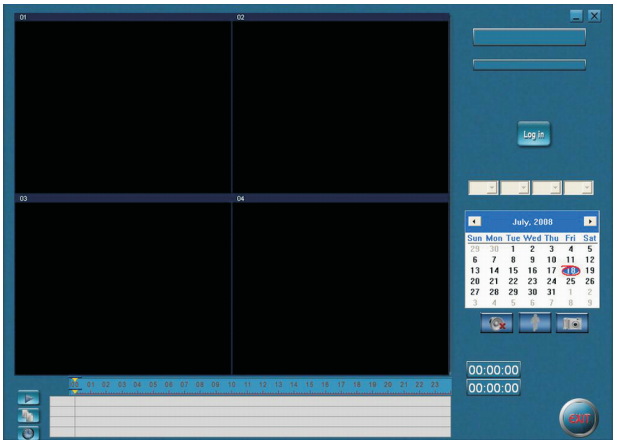
LOCK: panel lock indicator light;

IR: remote control available indicator light.

3. Introduction of DVR Network Files Player

DVR Network Files Player could play DVR HD files remotely through network.

Click to run this software:



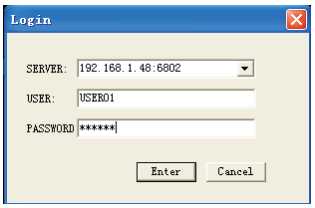
Introduction of function keys:

Icon	Function	Icon	Function
/	Play/ Stop		Network backup
	Time point play		Open audio
	Fast play		Close audio
	Normal play		Screen capture
Log in	Log in	Log out	Log out

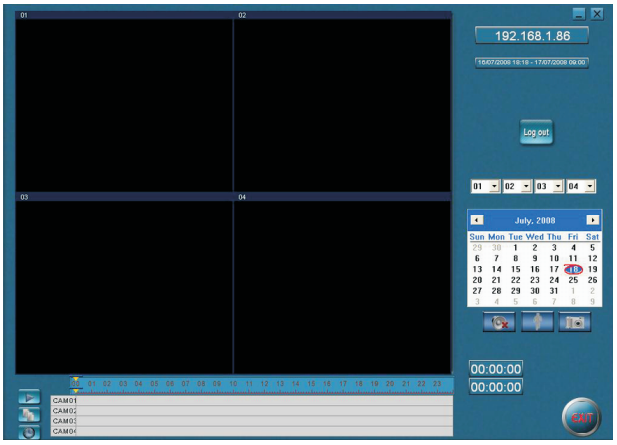
192.168.1.73	Display the IP that connecting DVR
01/07/2000 02:01 - 16/07/2008 08:45	Display the beginning and ending time of the DVR HD file. That is the effective playing time.
01 02 03 04	Network playing channel
	Date selecting
	Select the effective time. The up line is the ending time of backup, the down line is the beginning time of backup or playing.

Specific Operation

A. Click to log in:



Type in the server IP and password:



B. Playing DVR HD file.

According to the time displaying, select the right date and time by and .

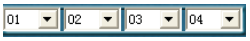
Then select the right playing channel by .

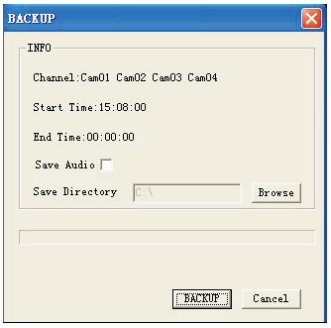
Now click to play.

C. Click to backup through network.

Select the beginning and ending time of backup that you need by

, then choose the backup channel

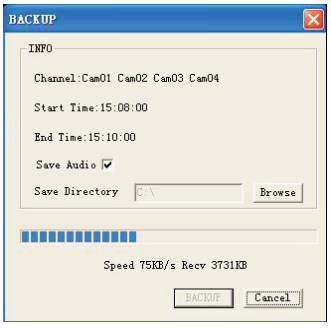
by  , now please click :



a. Click the box as , the audio could be saved.

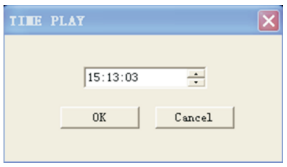
b. Click "Browse" to select the save path of locale network video recording.

c. Click "BACKUP" :



The above dialog box disappear immediately as soon as the backup is finished. Users could find the backup file in the saving path, and then play it by .avh file player.

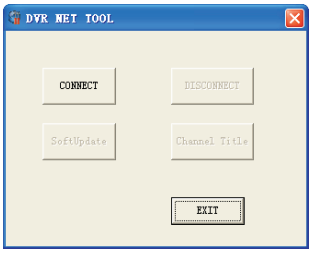
D. Click , choose the time point to play:



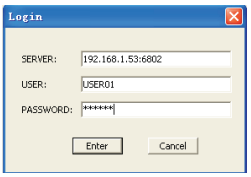
4. Introduction of DVR Network Assistant Tools

Network Assistant Tools is used to upgrade software and change channel titles of non-English letters.

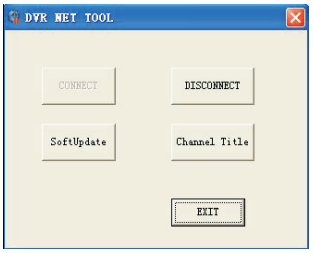
A. Click to run Network Assistant Tools:



B. Click "CONNECT" to log in

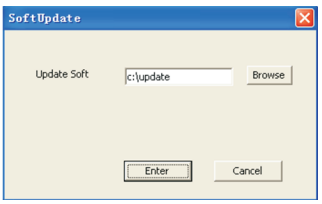


Type in the IP and the password, then click "Enter", you could see:



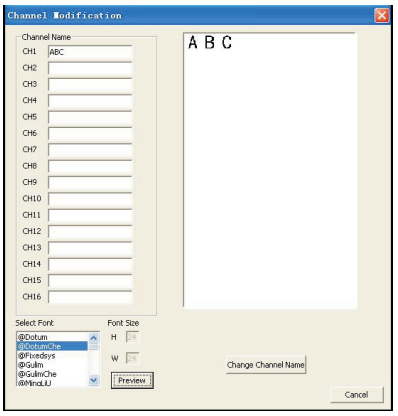
Now you could update software and channel titles.

a. Click "Soft Update":



Click "browse" to select the right path for soft update. The item must be ..\..\ update, that is to say the last grade must be "update", or the software can't recognize the file.

b. Update the channel title of DVR through network. Click "Channel Title":

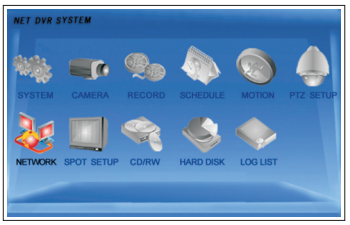


If the channel title consist of English letters, you needn't update it here. You can change it in the DVR directly. Here it is fit for Chinese title. Choose the channel that need changed from the left channels, then type in the new title and select font. Click "Preview", you could preview the new title from the right part. After setting, click "Change Channel Name", it will be finished.

Addition: Update the same title at "Channel Set" of DVR, then restart the DVR, you could see the new title in the video.

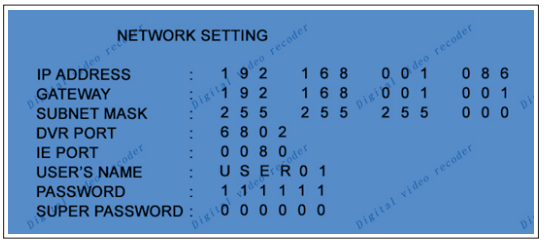
DVR Network Settings

This step is set in the DVR. On the condition of locale previewing, enter into the main menu by remote control or the "MENU" key on the DVR panel.



Select the icon

by "up/down/left/right" keys, then enter into network settings by "enter" key.


NETWORK SETTING
IP ADDRESS : 192 168 001 086
GATEWAY : 192 168 001 001
SUBNET MASK : 255 255 255 000
DVR PORT : 6802
IE PORT : 0080
USER'S NAME : USER01
PASSWORD : 111111
SUPER PASSWORD : 000000

A. IP address: You'd better set the fourth date from 10 to 99, or it will collide with the router DHCP.

B. Gateway and subnet mask

C. DVR port: Transfer date stream, such as video and audio frequency.

D. IE port: Download ActiveX control. (Default 0080)

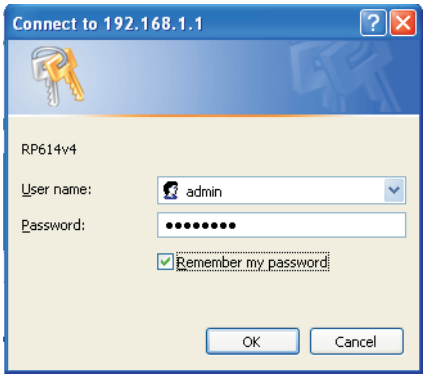
E. User name: Set user name of telnet. (Default user01)

F. Password: Set password of telnet. It supports 4 users to log in at the same time. (Default 111111)

G. Super password: Set password of telnet. It only supports 1 user to log in at one time. It owns the most purview and could do remote operation. (Default 000000) Logging in with the super password, the connection by logging in of common password will be shut off automatically.

Router Settings

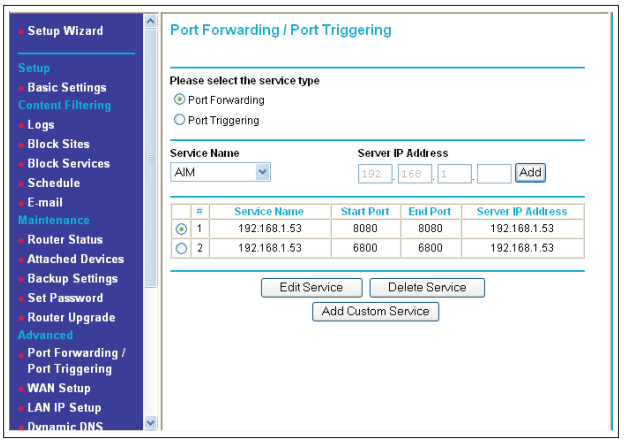
Type http://192.168.1.1 in the Address field of Internet Explorer. Then type the default user name (admin) and password (password) in the following pop-up dialog box.



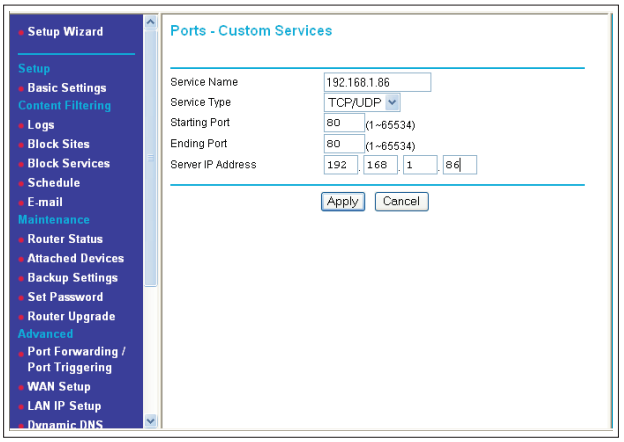
Click "OK", enter into the interface of Router settings.

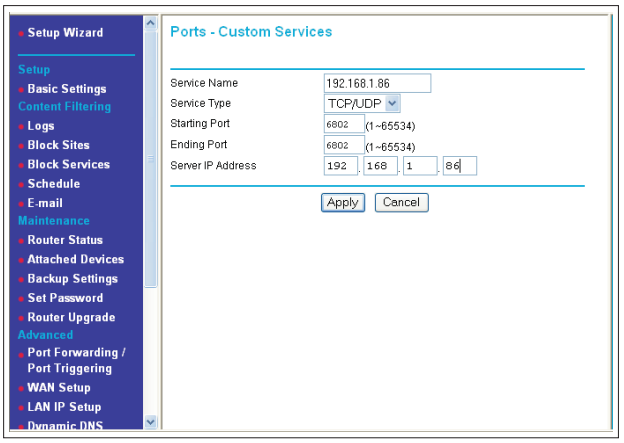
1. Setting up Server IP Address and Port

Click "Port Forwarding" on the left list:



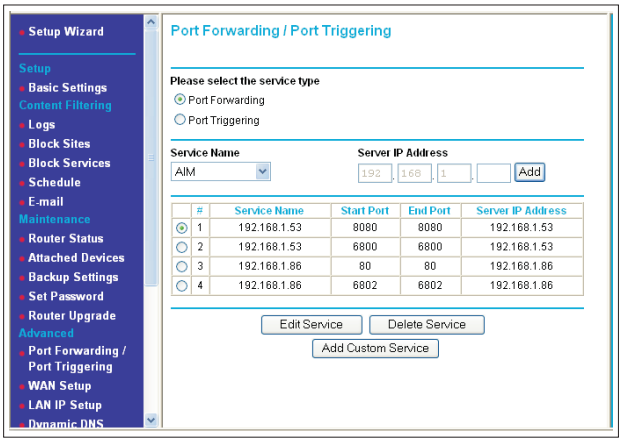
Click "Add Custom Service" to set two groups of IP address and Port (Twice).





Type the IP in the "Server IP Address". Type the beginning port number in the "Starting Port" box. Type the same port number in the "Ending Port" box.

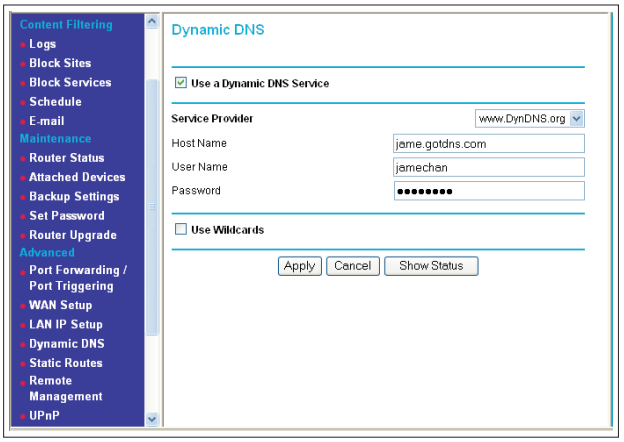
Then click "Apply":



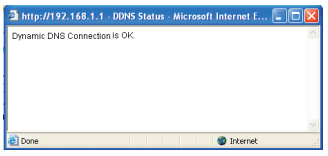
Note: The Ports must be different.

2. Setting up Dynamic DNS

Click "Dynamic DNS" on the left list:



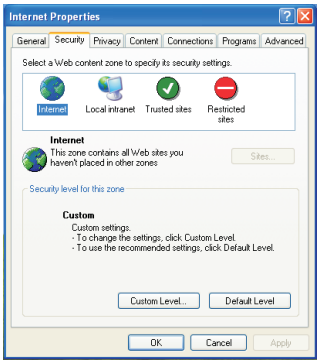
Click "Apply" to finish the settings. Click "Show Status", see the following dialog box.



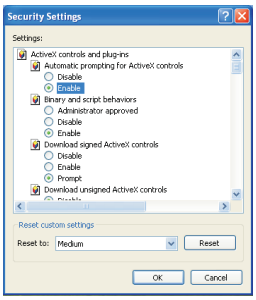
Internet Explorer (IE) Use

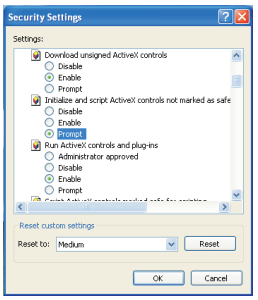
1. Amending the Security settings of IE

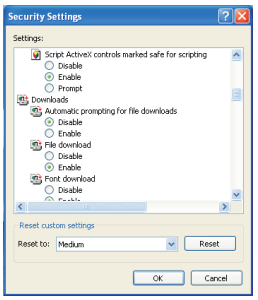
Right-click the icon , then click "Properties"---"Security" in the following dialog box.



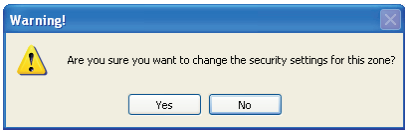
Click , you could see the dialog box of "security settings". According to the setting examples of the following dialog boxes, set the items (7 altogether) that under as or .







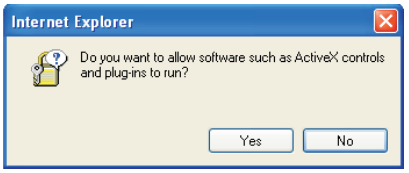
After finishing all settings, click "OK", you could see:



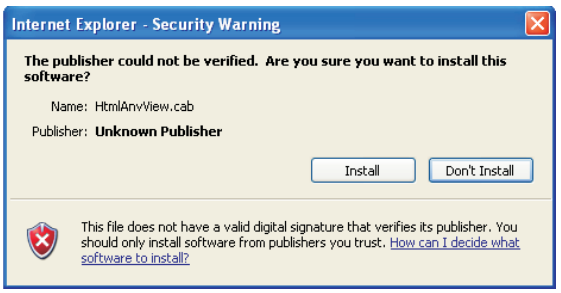
Click "Yes", the setting is OK.

2. Installing ActiveX controls

A. If you didn't install ActiveX controls in your computer, the system will prompt you to install it automatically when you type the IP/domain name or IE port in the address field of IE explorer. You could see the dialog boxes:



Click "Yes":

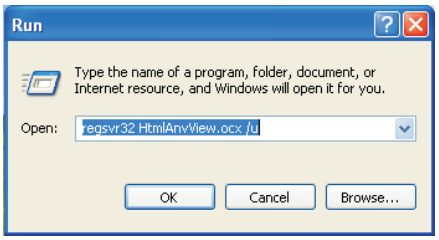

Internet Explorer - Security Warning
The publisher could not be verified. Are you sure you want to install this software?
Name: HtmlAnvView.cab
Publisher: Unknown Publisher
Install
Don't Install
This file does not have a valid digital signature that verifies its publisher. You should only install software from publishers you trust. How can I decide what software to install?

You could browse through IE after clicking this icon

.

B. If you want to uninstall ActiveX control for exchanging the DVR, you could do like this: Click the icon

on the desktop of the computer, then click "Run..." in the pop-up program:

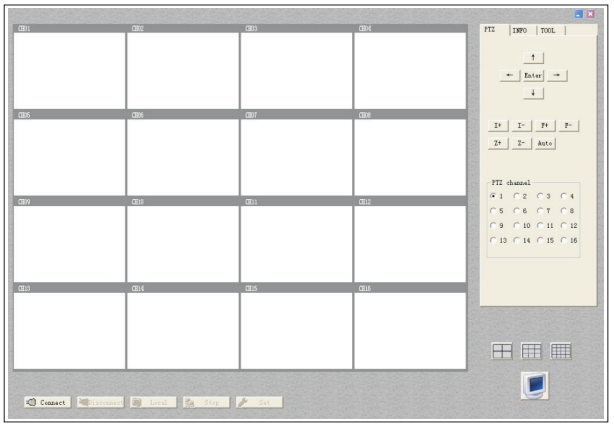


Type "regsvr32 HtmlAnvView.ocx /u" in the dialog box, then click "OK". In case of it didn't work, you could delete it here:
C:\WINDOWS\system32\HtmAnvView.ocx

3. Internet Explorer browsing

Startup IE. Type the IP/domain name or IE port which added in the router in the address field. You could see the following interface: (There are 2 edition, please use it according to your own edition.)

The first interface:

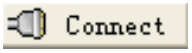


Introduction of function keys

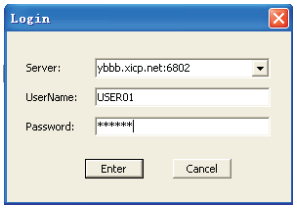
Icon	Function	Icon	Function
	Exit		Set the connecting mode

Disconnect	Disconnect	Connect	Connect
Local	Connect the local monitoring video of DVR	Stop	Stop
	4/9/16-picture display	PTZ	PTZ control panel key
↑	Control PTZ to rotate upward	↓	Control PTZ to rotate downward
←	Control PTZ to rotate leftward	→	Control PTZ to rotate rightward
Enter	Stop auto rotation of PTZ	Auto	Control PTZ to rotate automatically
I-	Control the lens to reduce the aperture	I+	Control the lens to enlarge the aperture
F-	Control the lens to shorten the focus	F+	Control the lens to prolong the focus
Z-	Control the lens to reduce the image and expand the vision	Z+	Control the lens to withdraw the long shot and enlarge the image
	Select corresponding path to operate this PTZ path	INFO	Display the hard disk information of the current video recorder
	Display the hard disk's space/remaining space/ coverage rate	TOOL	Tool display
			Screen capture
	Display the current working mode indicator light: red denotes this function is turned on, white denotes this function is not in use; ALARM: external alarm indicator light;PTZ: PTZ operation indicator light; SEQ: auto switching indicator light;NET: network connection indicator light; PLAY: playback indicator light; REC: record indicator light; PWR: power indicator light;LOCK: panel lock indicator light; IR: remote control available indicator light.		

B. Specific operation

a. Click the icon 

:



Type the IP/domain name or IE port which added in the router in "Server"; type the network user name of the DVR in "Username" (Default user01); type the password in "Password" (Default 000000/111111). Click

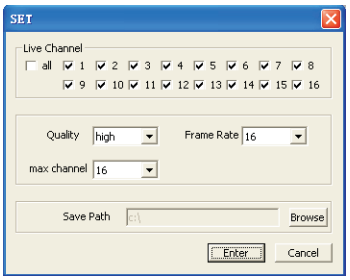
to log in.

b. Click

to play the local monitoring video.

C. After stopping to play, click

to set network parameter. (This function is only for super password logging in.)

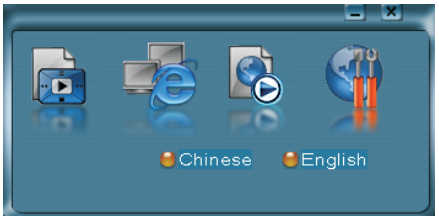


	Open/ close the channels of locale browse
	Set the image quality and frame rate of locale browse, Image quality: low/ medium/ high;Frame rate: 6/10/16; Set max channels: 4/8/16
	Click "Browse" to select the save path of locale network video

Click "Enter" to finish the setting.

Other operations are referred to the introduction of function keys.

The second interface:



The operation is the same with PC Client-side Software.